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April 24, 2018

VIA ELECTRONIC FILING

The Honorable Jocelyn G. Boyd
Chief Clerk/Administrator
Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, SC 29210

**RE: Application Regarding the Acquisition of Progress Energy, Inc. by
Duke Energy Corporation and Merger of Progress Energy Carolinas,
Inc. and Duke Energy Carolinas, LLC
PSC Docket No. 2011-158-E**

Dear Ms. Boyd:

Pursuant to the Commission's Order issued September 2, 2011 in Docket No. 2011-181-E, Duke Energy Progress, LLC ("DEP") submits its quarterly report pertaining to Rider DSM/EE-8 and its EM&V schedule for Demand Side Management/Energy Efficiency ("DSM/EE") programs. The schedules accompanying this submission, for the quarter ending March 31, 2018, are as follows:

- Attachment 1 – Amounts billed under Rider DSM/EE-8 during the reporting period accompanied by estimates of gross receipts taxes and South Carolina Regulatory Fees;
- Attachment 2 – DSM/EE program energy and capacity savings achieved through the end of the reporting period;
- Attachment 3 – DEP's anticipated DSM/EE program EM&V schedule; and
- Attachment 4 – DEP's System O&M and A&G expenses and amounts allocated to South Carolina.

DEP will continue to submit this report to both the Commission and the Office of Regulatory Staff on a quarterly basis until further order of the Commission.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Rebecca Dulin". The signature is fluid and cursive, with the first name "Rebecca" written in a larger, more prominent script than the last name "Dulin".

Rebecca J. Dulin

Enclosure
RJD/trh

cc: Ms. Dawn Hipp, Office of Regulatory Staff
Mr. Jeffrey M. Nelson, Office of Regulatory Staff
Ms. Shannon Bowyer Hudson, Office of Regulatory Staff
Ms. Nanette Edwards, Office of Regulatory Staff

Rider DSM/EE-8 Quarterly Billings for the Quarter Ending March 31, 2018

A. Amounts Net of GRT & SC Reg Fee

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	639,990,985	\$ 1,456,639.33	\$ 1,149,476.88	\$ 5,289,573.84	\$ 7,895,690.05
Small General Service	69,314,560	\$ 38,683.71	\$ 80,088.31	\$ 449,789.82	\$ 568,561.84
Medium General Svc	401,113,153	221,289.57	455,678.36	2,592,628.01	3,269,595.94
Large General Service	538,083,296	308,562.09	647,448.62	3,524,950.50	4,480,961.21
Lighting	20,162,127	-	-	-	-
Non-Residential (<i>Gross</i>)	1,028,673,136	\$ 568,535.37	\$ 1,183,215.29	\$ 6,567,368.33	\$ 8,319,118.99
Opt-Outs					
General Service EE	(668,242,577)	\$ (380,075.49)	\$ -	\$ -	\$ (380,075.49)
General Service DSM/DSDR	(666,344,265)	-	(794,405.84)	(4,352,667.91)	(5,147,073.75)
Lighting	(400,422)	-	-	-	-
Non-Residential (<i>Opt-Out</i>)	NA	\$ (380,075.49)	\$ (794,405.84)	\$ (4,352,667.91)	\$ (5,527,149.24)
Non-Residential (<i>Net</i>)	NA	\$ 188,459.88	\$ 388,809.45	\$ 2,214,700.42	\$ 2,791,969.75
Overall Net Recoveries	NA	\$ 1,645,099.21	\$ 1,538,286.33	\$ 7,504,274.26	\$ 10,687,659.80

B. GRT & SC Reg Fee

Estimated Gross Receipts Tax @ 0.30 percent	\$ 32,159.46
Estimated SC Regulatory Fee @ 0.1519029 percent	16,259.56
Total GRT and Regulatory Fee	\$ 48,419.02

C. Estimated DSM/EE Billings (Sections A + B)

\$ 10,736,078.82

Duke Energy Progress
DSM / EE Program Savings (1)
March 31, 2018

	Year to Date			Cumulative Since Program Inception		
	No. of Participants	kWh Savings	kW Savings	No. of Participants	kWh Savings	kW Savings
EnergyWise™ (2)	350,457	-	350,457	350,457	-	350,457
CIG Demand Response (2)	19,222	-	19,222	19,222	-	19,222
Small Business EE DR	3,758	-	3,758	3,758	-	3,758
Residential New Construction	2,208,991	2,890,585	1,239	17,698,319	41,671,819	18,033
Residential Home Energy Improvement	5,299	1,440,769	359	262,179	42,560,506	30,360
Residential Low Income - NES	942	404,689	62	36,884	18,533,102	2,558
Residential Lighting Program (3)	331,433	4,183,948	690	30,237,549	905,486,868	143,164
Non-Res Smart\$aver (3)						
Prescriptive Lighting	401,754	22,397,079	1,950	79,558,366	393,588,472	73,462
Prescriptive HVAC	52,290	607,599	114	2,841,146	9,771,941	2,987
Prescriptive Motor	267	177,680	27	891	975,633	110
Prescriptive Refrigeration	336	156,984	18	806,854	11,496,079	1,083
Custom Measure	2,223	6,576,226	647	8,256	74,811,192	13,181
Technical Assistance	-	-	-	7,046	924,590	90
CIG Energy Efficiency Total	456,870	29,915,568	2,757	83,222,559	491,567,907	90,913
Small Business Energy Saver (3)	9,529,184	10,867,539	1,618	92,796,612	181,435,487	42,823
My Home Energy Report (7)	698,443	103,090,187	16,693	698,443	103,090,187	16,693
Multi-Family Home Energy Report (7)	87,286	7,604,535	2,065	87,286	7,604,535	2,065
Energy Efficiency Education Program (K-12)	3,529	868,120	367	32,597	7,419,891	1,743
Multi-Family Energy Efficiency Program	58,162	2,916,718	406	941,071	47,665,463	5,370
Save Energy & Water Kit Program	70,026	4,435,731	1,260	859,026	49,761,525	11,055
Residential Energy Assessment	11,305	1,518,641	254	76,734	10,597,642	1,770
Small Business EE (6)	381	214,307	69	2,045	2,627,107	844
<u>Closed Programs</u>						
Business Energy Report - Pilot	-	-	-	25,809	8,472,181	1,380
Residential Appliance Recycling	-	-	-	47,834	27,252,360	3,118
Residential Energy Efficiency Benchmarking (4)	-	-	-	42,928	15,402,566	2,683
Residential Home Advantage (4)	-	-	-	7,174	8,649,183	3,078
Residential Solar Water Heating Pilot (4)	-	-	-	150	31,250	30
Residential CFL Pilot Program (4)	-	-	-	203,222	6,706,000	630
Summary Totals	13,835,288	170,351,336	401,274	227,651,857	1,976,535,582	751,746

(1) The values in this report, except where noted, represent estimated net savings at the meter. The reported net savings reflect ongoing annual reductions resulting from the installation of DSM/EE measures during the reporting periods. These amounts have been adjusted to account for the impact of anticipated net to gross relationships. Subsequent reports will replace estimated savings with verified values, adjusted for appropriate net to gross ratios, as determined through the Measurement and Verification (M&V) process.

(2) The EnergyWise™ participation levels shown represent program capabilities expressed in kW. The CIG Demand Response participation levels reflect contracted values.

(3) Participation levels shown, represent number of installed measures.

(4) Amounts reflect final net, post EM&V, values.

(5) Business Energy Report - Pilot Program terminated 06/30/2017.

(6) Participants and savings recognized from the Program's Conservation (not Demand Response) measures .Demand Response savings identified in Small Business EE DR line.

(7) Participants are represented as current number of distinct accounts. Impacts represent programs current capabilities for kW and kWh savings.

DEP DSM/EE Programs - Anticipated EM&V Schedule
As of April 23, 2018

DEP DSM/EE Programs - Anticipated EM&V Schedule

Program Name	NC Docket	SC Docket	Short name	2018 2nd Quarter	2018 3rd Quarter	2018 4th Quarter	2019 1st Quarter	
Commercial Demand Response	Docket No. E-2, Sub 953	Docket 2010-41-E	CIG DR	REP ⁽²⁰¹⁷⁾				
Distribution System Demand Response	Docket No. E-2, Sub 926	Docket 2009-190-E	DSDR					
Nonresidential Smart \$aver EE Products & Assessment (Prescriptive)	Docket No. E-2, Sub 938	Docket 2009-190-E	EEB					
Nonresidential Smart \$aver EE Products & Assessment (Custom)	Docket No. E-2, Sub 938	Docket 2009-190-E	EEB	PROC/IMP	REP			
EnergyWise	Docket No. E-2, Sub 927	Docket 2009-190-E	EW		REP ^(S2017) REP ^(W2017/2018)		REP ^(S2018)	
EnergyWise for Business	Docket No. E-2, Sub 1086	Docket 2015-163-E	EWB	REP ⁽²⁰¹⁷⁾				
Energy Efficiency Education	Docket No. E-2, Sub 1060	Docket 2014-420-E	K12		PROC/IMP	REP ^(2017/2018)		
Residential Energy Assessment	Docket No. E-2, Sub 1094	Docket 2016-82-E	REA	IMP	REP			
Lighting (Retail)	Docket No. E-2, Sub 950	Docket 2010-41-E	LP					
Multi-Family Energy Efficiency	Docket No. E-2, Sub 1059	Docket 2014-419-E	MF		PROC/IMP	REP		
My Home Energy Report	Docket No. E-2, Sub 989	Docket 2011-180-E	MyHER				REP	
Neighborhood Energy Saver	Docket No. E-2, Sub 952	Docket 2009-190-E	NES				PROC	
Residential New Construction	Docket No. E-2, Sub 1021	Docket 2015-237-E	RNC	REP				
Residential Save Energy & Water Kit	Docket No. E-2 Sub 1085	Docket 2015-322-E	SEW				PROC/IMP	
Small Business Energy Saver	Docket No. E-2, Sub 1022	Docket 2015-163-E	SBES	REP				

LEGEND	
PROC	Process surveys/interviews (customers or other) for purposes of report that follows
IMP	Impact data collection (onsites, billing data) and analysis for purposes of report that follows
REP	Evaluation, Measurement & Verification Report

NOTE: THESE DATES ARE SUBJECT TO CHANGE

1	EE Deferral Calculation			
2	DSM/EE Filing Support			
3	Cost summary for 01/18 - 03/18			
4				
5				
6				
7				
8				
9				
10		Jan-18	Feb-18	Mar-18
11				Q1 2018
12	EE Current Period Actual Program Cost Deferral:			
13	Program O&M Costs			
14	CIG Energy Efficiency			-
15	Home Depot CFL			
16	EE Behavior Program (1 year)	458,609.09	466,824.92	459,917.96
17	Residential Home Advantage			1,385,351.97
18	Business Energy Report	-		-
19	Residential Home Energy Improvement (Ph.II)	52,958.85	802,759.26	545,524.87
20	Residential Low Income / PHA (Ph.II)	(18,324.28)	185,889.39	183,454.84
21	Residential Lighting	227,113.98	612,614.71	1,036,754.18
22	Appliance Recycle	-		-
23	Small Business Direct Install	585,982.85	567,797.77	1,106,280.43
24	Residential New Construction	616,102.05	602,243.66	1,193,818.52
25	K12 Performance - National Theatre	75,068.95	6,484.99	135,009.83
26	Freezer Recycle Program	-		-
27	Save Energy and Water Kit	43,559.07	44,880.75	89,540.48
28	Residential Energy Assessments	139,525.37	(76,154.31)	423,817.28
29	Non-Res Custom Incentive	162,115.77	137,154.43	270,254.83
30	Non-Res Pres-Lighting	1,763,079.19	1,179,126.95	704,743.02
31	Non-Res Custom Assessments	9,924.33	99,823.83	64,382.54
32	Non-Res Pres-Food Service	14,171.07	9,246.36	14,861.87
33	Non-Res Pres-HVAC	52,415.39	37,725.32	60,354.96
34	Multi-Family Aerators	20,191.38	30,254.09	(10,634.26)
35	Multi-Family Pipe Wrap	111,246.35	146,491.72	(51,170.93)
36	Multi-Family Showerheads	19,292.42	35,869.09	(12,657.40)
37	Residential CFL Property Manager	-		-
38	Total EE O&M	4,333,031.83	4,889,032.93	6,214,253.02
39				15,436,317.78
40	Program Costs not yet Commission Approved			
41	Business Energy Report			
42				
43	G&A	253,471.75	334,847.11	275,104.62
44	True-up Entry Amount, if any (See **True-up Notes)			863,423.48
45	Subtotal Deferred G&A and O&M	4,586,503.58	5,223,880.04	6,489,357.64
46				16,299,741.26
47	SC			
48	Program Costs			
49	CIG Energy Efficiency	-	-	-
50	Home Depot CFL	-	-	-
51	EE Behavior Program	66,452.46	67,642.93	66,642.11
52	Residential Home Advantage	-	-	-
53	Business Energy Report (3 years)	-	-	-
54	Residential Home Energy Improvement (Ph.II)	7,673.74	116,319.82	79,046.55
55	Residential Low Income / PHA (Ph.II)	(2,655.19)	26,935.37	26,582.61
56	Residential Lighting (5 years) - updated to 3 years in 2016	32,908.82	88,767.87	150,225.68
57	Solar Hot Water Pilot	-	-	-
58	Appliance Recycle	-	-	-
59	Small Business Direct Install	84,908.91	82,273.90	160,300.03
60	Residential New Construction	89,273.19	87,265.11	172,984.30
61	K12 Performance - National Theatre	10,877.49	939.68	19,562.92
62	Freezer Recycle Program	-	-	-
63	Save Energy and Water Kit - tentatively 5 years	6,311.71	6,503.22	12,974.42
64	Residential Energy Assessments - tentatively 5 years	20,217.23	(11,034.76)	61,411.12
65	Non-Res Custom Incentive	23,490.58	19,873.68	39,159.92
66	Non-Res Pres-Lighting	255,470.17	170,855.50	102,117.26
67	Non-Res Custom Assessments	1,438.04	14,464.47	9,329.03
68	Non-Res Pres-Food Service	2,053.39	1,339.80	2,153.48
69	Non-Res Pres-HVAC	7,594.99	5,466.40	8,745.43
70	Multi-Family Aerators	2,925.73	4,383.82	(1,540.90)
71	Multi-Family Pipe Wrap	16,119.60	21,226.65	(7,414.67)
72	Multi-Family Showerheads	2,795.47	5,197.43	(1,834.06)
73	Residential CFL Property Manager	-	-	-
74	Total EE O&M	627,856.33	708,420.89	900,445.23
75				2,236,722.45
76	G&A	34,636.66	46,437.42	37,542.22
77	True-up Entry Amount, if any (See **True-up Notes)			118,616.30
78	Subtotal Deferred O&M and G&A	662,492.99	754,858.31	937,987.45
79				2,355,338.75
80	Return Calc			
81	Debt Component - Net of Tax	27,241.02	26,698.11	26,226.95
82	Equity Component - Net of Tax	78,743.36	77,174.00	75,812.06
83	Equity Return Tax Gross-Up	24,197.83	23,715.57	23,297.05
84	Total Return	130,182.21	127,587.68	125,336.06
85				383,105.95
86	Source: Monthly Accounting File			

	A	B	C	D	E	F
1	DSM Deferral Calculation					
2	DSM/EE Filing Support					
3	Cost summary for 01/18 - 03/18					
4						
5						
6						
7						
8		Jan-18	Feb-18	Mar-18		Q1 2018
9						
10	DSM Current Period Actual Program Cost Deferral:					
11	Program Costs					
12	CIG Demand Response (Ph. II)	150,796.99	197,624.12	87,624.01		436,045.12
13	Residential Energy Wise	1,047,528.20	860,685.20	1,270,244.02		3,178,457.42
14	Small Business EE DR	210,535.04	92,686.18	203,021.91		506,243.13
15	Total DSM O&M	1,408,860.23	1,150,995.50	1,560,889.94		4,120,745.67
16						
17	Program Costs not yet Commission Approved					
18	Small Business EE DR					
19						
20	G&A	65,000.11	85,867.94	70,547.62		221,415.67
21	True-up Entry Amount, if any (See **True-up Notes)					
22	Subtotal Deferred G&A and O&M	1,473,860.34	1,236,863.44	1,631,437.56		4,342,161.34
23						
24	SC:					
25	Program Costs					
26	CIG Demand Response (Ph. II)	20,870.30	27,351.18	12,127.16		60,348.64
27	Residential Energy Wise	144,977.90	119,118.83	175,801.77		439,898.50
28	Small Business EE DR	29,138.05	12,827.77	28,098.23		70,064.05
29	Total DSM O&M	194,986.25	159,297.78	216,027.16		570,311.19
30						
31	G&A	8,483.75	11,374.18	9,195.43		29,053.36
32	True-up Entry Amount, if any (See **True-up Notes)					
33	Subtotal Deferred O&M and G&A	203,470.00	170,671.96	225,222.59		599,364.55
34						
35	Subtotal Deferred of Program Costs not yet Commission Approved					
36						
37	Recovery					
38	SC	(544,298.28)	(430,272.29)	(256,763.26)		(1,231,333.83)
39						
40	Amortization					
41	O&M	(270,519.93)	(258,623.77)	(277,533.12)		(806,676.82)
42	G&A	(17,275.48)	(18,238.95)	(17,512.57)		(53,027.00)
43		(287,795.40)	(276,862.72)	(295,045.70)		(859,703.82)
44						
45	Carrying Cost Balance					
46	Beg Balance	7,105,136.52	7,020,811.12	6,914,620.35		21,040,567.99
47	plus expense	203,470.00	170,671.96	225,222.59		599,364.55
48	less amortization	(287,795.40)	(276,862.72)	(295,045.70)		(859,703.82)
49	End Balance	7,020,811.12	6,914,620.35	6,844,797.25		20,780,228.72
50	Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.)	7,105,136.52	7,020,811.12	6,914,620.35		21,040,567.99
51						
52	ADIT	1,669,962.87	1,650,143.36	1,625,184.71		4,945,290.94
53	Basis for return calc	5,435,173.65	5,370,667.76	5,289,435.64		16,095,277.05
54						
55	Return Calc					
56	Debt Component - Net of Tax	8,387.56	8,288.01	8,162.66		24,838.23
57	Equity Component - Net of Tax	24,245.22	23,957.47	23,595.11		71,797.80
58	Equity Return Tax Gross-Up	7,450.56	7,362.13	7,250.78		22,063.47
59	Total Return	40,083.34	39,607.61	39,008.55		118,699.50
60						
61						
62						
63	Source: Monthly Accounting File					

	A	B	C	D	E	F
1	DSDR Deferral Calculation					
2	DSM/EE Filing Support					
3	Cost summary for 01/18 - 03/18					
4						
5						
6						
7		Jan-18	Feb-18	Mar-18		Q1 2018
8						
9	DSDR Current Period Actual Program Cost Deferral:					
10	DSDR Program Costs	261,713.32	303,735.76	328,890.78		894,339.86
11	DSDR G&A					
12	True-up Entry Amount, if any (See **True-up Notes)					
13	Subtotal Deferred G&A and O&M	261,713.32	303,735.76	328,890.78		894,339.86
14						
15	SC:					
16	Program Costs	36,221.12	42,037.03	45,518.48		123,776.63
17	G&A	-	-	-		-
18	True-up Entry Amount, if any (See **True-up Notes)					
19	Subtotal Deferred O&M and G&A	36,221.12	42,037.03	45,518.48		123,776.63
20						
21	Smart Grid Insurance Expense Accrual	9,443.81	9,369.52	9,295.13		28,108.46
22						
23	Smart Grid Depreciation	149,132.43	149,134.80	149,135.26		447,402.49
24	Smart Grid Property Tax	32,045.15	32,045.15	32,045.15		96,135.44
25	R&E Tax Credit					
26						
27	Subtotal for Expense Deferral	226,842.51	232,586.50	235,994.02		695,423.02
28						
29	Return on 101 Capital SmartGrid - Debt	23,230.01	23,336.81	23,636.36		70,203.18
30	Return on 101 Capital SmartGrid - Equity	66,352.39	66,497.87	67,672.64		200,522.90
31	Equity Return Tax Gross Up	20,390.09	20,434.80	20,795.80		61,620.69
32	Total Return	109,972.49	110,269.48	112,104.80		332,346.77
33						
34	Recovery					
35	SC	(719,445.84)	(471,421.86)	(347,418.64)		(1,538,286.34)
36						
37						
38	Amortization					
39	O&M	(112,902.09)	(114,815.97)	(115,951.34)		(343,669.40)
40	G&A	(3,517.21)	(3,517.21)	(3,516.89)		(10,551.31)
41	Other (Dep and Prop Tax)	(181,177.58)	(181,179.95)	(181,180.41)		(543,537.93)
42		(297,596.88)	(299,513.12)	(300,648.64)		(897,758.64)
43						
44	Carrying Cost Balance					
45	Beg Balance	3,440,776.26	3,370,021.89	3,303,095.26		10,113,893.42
46	plus expense	226,842.51	232,586.50	235,994.02		695,423.02
47	less amortization	(297,596.88)	(299,513.12)	(300,648.64)		(897,758.64)
48	End Balance	3,370,021.89	3,303,095.26	3,238,440.64		9,911,557.79
49	Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.)	3,440,776.26	3,370,021.89	3,303,095.26		10,113,893.42
50						
51	ADIT	808,706.29	792,076.47	776,346.30		2,377,129.06
52	Basis for return calc	2,632,069.97	2,577,945.42	2,526,748.96		7,736,764.36
53						
54	Return Calc					
55	Debt Component - Net of Tax	4,061.81	3,978.29	3,899.28		11,939.38
56	Equity Component - Net of Tax	11,741.14	11,499.70	11,271.32		34,512.16
57	Equity Return Tax Gross-Up	3,608.05	3,533.86	3,463.68		10,605.59
58	Total Return	19,411.00	19,011.85	18,634.28		57,057.13
59						
60						
61						
62						
63	Source: Monthly Accounting File					